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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10524024 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>IHARA ET AL. |
|  | <b>Examiner</b><br><br>Ellis, Suezue           | <b>Art Unit</b><br><br>1615  |

| SEARCHED |                           |          |          |
|----------|---------------------------|----------|----------|
| Class    | Subclass                  | Date     | Examiner |
|          | No classified search done | 12/31/07 | SE       |

| SEARCH NOTES  |          |          |
|---|----------|----------|
| Search Notes  | Date     | Examiner |
| Consulted Patricia Bianco in class 602  | 12/31/07 | SE       |
| EAST - USPGPUB, USPAT, USOCR, DERWENT, JPO, EPO, IBM_TDB  | 12/31/07 | SE       |
| Text search class 424/448, 449  | 12/31/07 | SE       |
| Text search class 514/317   | 12/31/07 | SE       |
| Text search class 602/41-43, 46, 48, 49, 52, 54, 57   | 12/31/07 | SE       |
| See attached sheet for EAST search  | 12/31/07 | SE       |
| Updated EAST search   | 9/30/08  | SE       |
| WEST (USPATS, PGPUBS, EPO, JPO, DERWENT); Inventor search (PALM); IDS; see attached search history. | 6/7/10   | HS       |

| INTERFERENCE SEARCH          |          |        |          |
|------------------------------|----------|--------|----------|
| Class                        | Subclass | Date   | Examiner |
| see attached search history. |          | 6/7/10 | HS       |

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